

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))Docket No.
IR 3725 NP

In Re Application Of: Schmidt, S., et al

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
Not yet assigned	herewith	Not yet known	31684	Not yet assigne	Not yet assigned

Title: Controlled Radical Acrylic Copolymer Thickeners

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p).

10/578060

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Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 01-2717 as described below.
- ☒ Charge the amount of _____
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

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2 May 2006

(Date)

Marsha J. Smith

Signature of Person Mailing Correspondence

Marsha J. Smith

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Signature

Dated: 2 May 2006

Steven D. Boyd
 Agent for Applicants
 Reg. No. 31,000

CC:

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

IR 3725 NP

Application Number

104578060 Not yet assigned

Applicant(s)

Schmidt, S. et al

Filing Date

Herewith

Group Art Unit

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	6,350,723	26 Feb 2002	MISHRA, M., et al			
	A2	5,272,211	21 Dec 1993	SUTHERLAND, R., et al			
	A3	5,002,676	26 Mar 1991	WILLIS, C., et al			
	A4	6,617,397	9 Sep 2003	MCNAMARA, J., et al			
	A5	6,271,184	7 Aug 2001	SEEBAUER, J., et al			

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	B1	2002/0040117	4 Apr. 2002	GUERRET, O., et al			
	B2	2002/0188081	12 Dec 2002	ROOS, S., et al			
	B3	2003/0073785	17 Apr 2003	OKADA, K., et al			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

	D1	Ananchenko, G., et al, Journal of Polymer Science: Part A: Polymer Chemistry, "Decomposition of Model Alkaxyamines in Simple and Polymerizing Systems," 2002, Volume 40, pages 3264 - 3283
	D2	Grulke, E. A., Polymer Handbook, "Solubility Parameter Values," Fourth Edition, 1999, John Wiley & Sons, Inc., pages VII/675- VII/711

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

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Docket Number (Optional)

IR 3725 NP

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Applicant(s)

Schmidt, S., et al

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A6	5,955,405	21 Sep 1999	LIESEN, G., et al			
	A7	4,756,843	12 Jul 1988	JARRIN, J., et al			
	A8	6,124,249	26 Sep 2000	SEEBAUER, J., et al			
	A9	6,319,881	20 Nov2001	COOLBAUGH, T., et al			
	A10	6,034,042	7 Mar 2000	RHODES, R.			

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

	D3	Matyjaszewski, K., ACS Symposium, Controlled/Living Radical Polymers, "Progress in ATRP, NMP, and RAFT, " American Chemical Society, 2000, pages 1-26
	D4	Goto, A., et al, Macromolecules, "Kinetic Study on Nitroxide-Mediated Free Radical Polymerization of tert-Butyl Acrylate, American Chemical Society, 1999, 32, pages 618-623

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INFORMATION DISCLOSURE CITATION
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Applicant(s)
Schmidt, S, et al
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A11	6,538,091	25 Mar2003	Matyjaszewski, K., et al			
	A12	6,391,996	21 May2002	SCHERER, M., et al			
	A13	6,403,745	11 Jun 2002	SCHERER, M., et al			
	A14	6,531,547	11 Mar2003	VISGER, D., et al			
	A15	6,303,550	16 Oct 2001	WEDLOCK, D., et al			

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

D5	Benoit, D., et al, "Controlled Free - Radical Polymerization in the Presence of a Novel Asymmetric Nitroxyl Radical," Polym. Prep., 1997, 38, pages 729-730
D6	Hawker, C., et al, "Development of a Universal Alkoxyamine for Living Free Radical Polymerizations Using Combinatorial Techniques," Polymer Material Science Engineering, 1999, 80, pages 90-91

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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) IR 3725 NP		Application Number 10/538,060 <small>Not yet assigned</small>			
				Applicant(s) Schmidt, S., et al				AP12 Rec'd PCT/PTO 02 MAY 2006	
				Filing Date Herewith		Group Art Unit Not yet assigned			

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A16	6,255,402	3 Jul 2001	BOUTILLIER, J., et al			
	A17	6,255,448	3 Jul 2001	GRIMALDI, S., et al			
	A18	6,657,043	2 Dec 2003	GUERRET, O., et al			
	A19	6,624,322	23 Sep 2003	GILLET, J., et al			
	A20	6,610,802	26 Aug 2003	ROOS, S., et al			

U.S. PATENT APPLICATION PUBLICATIONS							
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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS		<i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
	D7	Hawker, C., et al, "Initiating Systems for Nitroxide-Mediated "Living" Free Radical Polymerizations: Synthesis and Evaluation," <i>Macromolecules</i> , Vol. 29, No. 19, July 29, 1996, pages 5245-5254
	D8	Greszta, D., et al, "Mechanism of Controlled/"Living" Radical Polymerization of Styrene in the Presence of Nitroxyl Radicals. Kinetics and Simulations," <i>Macromolecules</i> , 1996, 29, pages 7661-7670

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